CLAIMS

What is claimed is:

	1. A cable harness comprising:
2	a frame capable of being attached to a rack, the rack having a number of blades disposed
3	therein, the frame including a number of channels, each channel for routing at
1	least one cable from one of the blades and toward a rear of the rack; and
5	a channel array capable of being coupled with the frame, the channel array including a
5	number of channels, each channel for routing at least one cable from one of the
7	blades and towards one side of the rack.
l	2. The cable harness of claim 1, further comprising:
2	a second channel array capable of being coupled with the frame, the second channel array
3	including a number of channels, each channel for routing at least one cable from
1	one of the blades and towards an opposing side of the rack.
l	3. The cable harness of claim 2, wherein the frame defines a first bay for
2	receiving the channel array and a second bay for receiving the second channel array.
l	4. The cable harness of claim 3, wherein each of the first and second bays
2	includes at least one guide element, the at least one guide element of each bay to position
3	a channel array in that bay.

5. 1 The cable harness of claim 3, wherein each of the channel array and the 2 second channel array is coupled with the frame using at least one fastener. 6. The cable harness of claim 3, wherein each of the channel array and the 1 2 second channel array is coupled with the frame by a snap fit. 1 7. The cable harness of claim 1, wherein each of the channels of the frame 2 routes the at least one cable into an open cavity of the rack and toward the rear of the 3 rack. 1 8. The cable harness of claim 7, wherein, at the rear of the rack, the at least 2 one cable associated with each of the channels is routed upwards towards a top of the 3 rack. 1 9. The cable harness of claim 1, wherein each channel of the channel array 2 includes a hook for receiving an anchoring device, the anchoring device for holding a 3 number of cables. 1 10. The cable harness of claim 1, wherein each channel of the channel array 2 includes a pair of opposing slots for receiving an anchoring device, the anchoring device 3 for holding a number of cables.

1 11. The cable harness of claim 1, further comprising a cover capable of being 2 attached to the frame, the cover overlying the channel array. 12. The cable harness of claim 1, wherein each channel of the frame 1 2 comprises a generally rectangular-shaped open channel having a floor and two opposing 3 side walls extending upwards from the floor. 1 13. The cable harness of claim 1, wherein each channel of the channel array 2 comprises a generally rectangular-shaped open channel having a floor and two opposing 3 side walls extending upwards from the floor. 1 14. The cable harness of claim 13, wherein each of the channels of the channel 2 array extends along an approximate ninety degree arc. 1 15. The cable harness of claim 13, wherein the floor is generally semicircular 2 in shape. 1 16. The cable harness of claim 1, wherein each of the frame and the channel 2 array comprises a plastic material. 1 17. The cable harness of claim 16, wherein each of the frame and the channel 2 array is constructed using a molding process.

l 18. A cable clip comprising: 2 a longitudinally extending body having a first end and an opposing second end; 3 a number of clasps disposed on the body between the first and second ends, each of the 4 clasps for holding a cable; 5 a first coupling mechanism disposed at the first end of the body, the first coupling 6 mechanism for attaching the cable clip to one end of another cable clip; and 7 a second coupling mechanism disposed at the second end of the body, the second 8 coupling mechanism for attaching the cable clip to one end of another cable clip. 19. 1 The cable clip of claim 18, wherein the first coupling mechanism is 2 identical to the second connector. 1 20. The cable clip of claim 19, wherein the first coupling mechanism is 2 oriented 180 degrees relative to the second coupling mechanism.

1 21. The cable clip of claim 20, wherein each of the first and second coupling 2 mechanisms comprises: 3 a resiliently flexible arm extending from one of the ends of the body and disposed on one 4 side of the body, the flexible arm having a protrusion disposed at an outer end 5 thereof; and 6 a notch disposed on an opposing side of the body proximate the one end, the notch to 7 receive a protrusion on a resiliently flexible arm of a coupling mechanism on 8 another cable clip. 1 22. The cable clip of claim 21, wherein each of the first and second coupling 2 mechanisms further comprises: 3 a pair of opposing guide posts disposed on the body proximate the flexible arm and 4 extending from the one end of the body, the pair of opposing arms to mate with a 5 pair of opposing guide surfaces disposed on another cable clip; and 6 a pair of opposing guide surfaces disposed on the body adjacent to the opposing guide 7 posts, the opposing guide surfaces to mate with a pair of opposing guide posts 8 disposed on another cable clip. 1 23. The cable clip of claim 21, wherein the resiliently flexible arm includes a 2 handle, the handle comprising an angled extension extending from the outer end of the 3 resiliently flexible arm.

1	24. The cable clip of claim 18, wherein each of the clasps comprises:
2	a first resiliently flexible arm extending from the body;
3	a second resiliently flexible arm extending form the body and spaced apart from the first
4	resiliently flexible arm;
5	wherein a space between the first and second arms has a size greater than a diameter of
6	the cable.
1	25. The cable clip of claim 24, wherein an outer end of the first arm is
2	separated from an outer end of the second arm by a distance less than the diameter of the
3	cable.
1	26. The cable clip of claim 24, wherein an equal number of the clasps is
2	disposed on each of opposing sides of the body.
1	27. The cable clip of claim 18, wherein the body comprises a plastic material.
1	28. The cable clip of claim 27, wherein the body is formed using a molding
2	process.

1 29. A bundle clip comprising: 2 a cylindrical shaped body extending from a first end to an opposing second end and 3 defining an interior region having size sufficient to receive a number of cables; 4 an entry disposed between the first and second ends and opening into the interior region, 5 the entry having a size less than a diameter of one of the cables; 6 a first coupling mechanism disposed on a side of the body, the first coupling mechanism 7 for attaching the bundle clip to another bundle clip; and 8 a second coupling mechanism disposed on an opposing side of the body, the second 9 coupling mechanism for attaching the bundle clip to another bundle clip. 1 30. The bundle clip of claim 29, wherein the body comprises a resiliently 2 flexible material. 1 31. The bundle clip of claim 30, wherein upon insertion of a cable into the 2 entry, the body elastically deforms to expand the entry to a size sufficient to receive the 3 cable. 1 32. The bundle clip of claim 30, wherein the resiliently flexible material 2 comprises a plastic material. 1 33. The bundle clip of claim 32, wherein the body is formed using a molding 2 process.

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1 34. The bundle clip of claim 29, wherein each of the first and second ends of 2 the body proximate the entry are rounded. 1 35. The bundle clip of claim 29, wherein each of the first and second ends of 2 the body proximate the entry are semicircular in shape. 1 36. The bundle clip of claim 29, wherein the first coupling mechanism 2 comprises: 3 a keyway disposed on an exterior of the body, the keyway to slidably receive a mating 4 key disposed on a second bundle clip; and 5 a resiliently flexible arm disposed on the exterior of the body proximate the keyway, the 6 arm having a protrusion extending from an outer end thereof; wherein, upon insertion of the key of the second bundle clip into the keyway, the 7 8 protrusion on the outer end of the arm mates with a corresponding notch on the 9 second bundle clip.

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1 37. The bundle clip of claim 29, wherein the second coupling mechanism 2 comprises: 3 a key disposed on the exterior of the body, the key to slidably mate with a corresponding 4 keyway disposed on a second bundle clip; and 5 a notch disposed on the exterior proximate the key; 6 wherein, upon insertion of the key into the keyway of the second bundle clip, the notch 7 mates with a protrusion on an end of a resiliently flexible arm extending from the 8 second bundle clip. 1 38. The bundle clip of claim 29, wherein the first and second coupling 2 mechanisms are separated by an angle of approximately 180 degrees. 1 39. The bundle claim of claim 29, further comprising: 2 a first support element extending from the body and positioned proximate the first 3 coupling mechanism, wherein the first support element, upon coupling the first 4 coupling mechanism with a second bundle clip, abuts an exterior surface of the 5 second bundle clip; and 6 a second support element extending from the body and positioned proximate the second 7 coupling mechanism, wherein the second support element, upon coupling the 8 second coupling mechanism with a third bundle clip, abuts an exterior surface of 9 the third bundle clip.

1 40. The bundle clip of claim 29, wherein the cylindrical shaped body 2 comprises an oval shape. 1 41. A rack mounted installation comprising: 2 a rack, the rack comprising a generally rectangular housing having an interior cavity; 3 a number of blades disposed in the interior cavity of the housing, each of at least some of 4 the blades including a number of connectors, each connector for coupling with a 5 cable; and 6 a cable harness, the cable harness including 7 a frame attached to the rack, the frame including a number of channels, 8 each channel for routing at least one cable from one of the blades 9 and toward a rear of the rack, and 10 a channel array attached to the frame, the channel array including a 11 number of channels, each channel for routing at least one cable 12 from one of the blades and towards one side of the rack. 42. 1 The installation of claim 41, further comprising a second channel array 2 attached to the frame, the second channel array including a number of channels, each

channel for routing at least one cable from one of the blades and toward an opposing side

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of the rack.

1 43. The installation of claim 41, further comprising: 2 a first cable clip to hold at least one cable extending from one of the blades; and 3 a second cable clip to hold at least one cable extending from one of the blades, the second 4 cable clip having a coupling mechanism on one end coupled with a mating 5 coupling mechanism on one end of the first cable clip. 1 44. The installation of claim 43, further comprising: 2 a first bundle clip to hold a group of cables associated with the first cable clip; and 3 a second bundle clip to hold a group of cables associated with the second cable clip, the second bundle clip having a coupling mechanism on one side coupled with a 4 5 mating coupling mechanism on one side of the first bundle clip. 1 45. The installation of claim 43, wherein each of the first and second cable 2 clips is holding cables associated with a same one of the blades. 46. 1 The installation of claim 45, wherein all cables associated with the same 2 one blade are placed in one channel of the cable harness, the one channel comprising a 3 channel of the channel array or a channel of the frame.

1 47. A method comprising: 2 securing a first set of cables extending from a blade in a first cable clip, the blade 3 disposed in a rack; securing a second set of cables extending from the blade in a second cable clip; 4 5 attaching the second cable clip to the first cable clip; 6 inserting the first set of cables into a first bundle clip; 7 inserting the second set of cables into a second bundle clip; and 8 attaching the second bundle clip to the first bundle clip. 1 48. The method of claim 47, further comprising routing the first and second 2 sets of cables into one of a number of channels of a cable harness, the one channel 3 routing the first and second sets of cables toward a raceway disposed adjacent to the rack. 1 49. The method of claim 48, wherein the one channel routes the first and 2 second sets of cables toward a side of the rack. 1 50. The method of claim 48, wherein the one channel routes the first and 2 second sets of cables toward a rear of the rack.

1 51. A method comprising: 2 disposing a first group of cables within a first channel of a cable harness, the cable 3 harness installed on a rack, the first channel routing the first group of cables 4 towards a side of the rack; and 5 disposing a second group of cables within a second channel of the cable harness, the 6 second channel routing the second group of cables towards a rear of the rack. 1 52. The method of claim 51, wherein the first group of cables are each 2 connected with a first blade disposed in the rack and the second group of cables are each 3 connected with a second blade disposed in the rack. 1 53. The method of claim 52, further comprising: 2 securing each of the first group of cables within one of a first number of interconnected 3 cable clips; and 4 securing each of the second group of cables within one of a second number of 5 interconnected cable clips. 1 54. The method of claim 53, further comprising: 2 holding the first group of cables within a corresponding first number of interconnected 3 bundle clips; and 4 holding the second group of cables within a corresponding second number of 5 interconnected bundle clips.